NEXTO DI
E-702 Digital Empire B/D 980-3, Youngtong-Dong Youngtong-Gu, Suwon,
Gyeonggi-Do, Korea 443-813 Tel. +82-31-303-5370 Fax. +82-31-303-5380
http://www.nextodi.com

NEXTO Video Storage

Portable Storage for Professional Video Cameras

- English 1P ~ 32P
- Deutsch 33P ~ 64P
- 한국어 65P ~ 94P

- User Guide
- Version 08/08

NEXTO DI
www.nextodi.com

Thank you for purchasing this Nexto Video Storage product.

Nexto Video Storage allows videographers to save footage from camcorders to a hard drive, without using a computer. The camcorder can then be used to record new data. NextoDI has optimized the performance of the Nexto Video Storage so that data transfers from camcorders to Nexto Video Storage more quickly than to other storage devices. Data stored on the Nexto Video Storage can later be copied to a computer. Nexto Video Storage can also be used as a computer backup device.

Nexto Video Storage supports professional video cameras from many manufacturers, including Sony and Panasonic (which use high speed PCI Express/PCMCIA flash memory cards for HD video), and memory formats such as Compact Flash(CF), Secure Digital(SD), SDHC, Multi Memory Card(MMC), Memory Stick(MS), and xD Picture Card.

Please read this manual before using the product. Follow operating instructions carefully to avoid damage to the product, or personal injury. This guide assumes that your Nexto Video Storage unit contains a properly formatted hard drive and a charged battery. If this is not the case, refer to the later chapters on inserting a hard drive and charging the battery.

All company names and product designations contained herein are trademarks of the respective owners. All rights are reserved.

Important safety notice

- Do not drop, jar, bump, shock, or expose Nexto Video Storage to severe vibration during data transfer.
- Do not use near open flames(candles, stoves, grills, fires) or sparks (fireworks, welding torches).
- Under no conditions is NextoDI, Inc. liable for loss of, or damage to, a computer; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages.

For more information, consult our technical advisory service:

http://www.nextodi.com/en/support/en_qna.php

※ NextoDI, Inc. reserves the right to make improvements and/or changes to the product and programs described in this User Guide at any time without notice.

Table of Contents

1. Product Description 1
2. Contents of the Nexto Video Storage Package 2
3. Device Diagram 3
4. Safety Instructions 4
5. The Nexto Video Storage Interface 6
6. The Built-in File Browser 7
7. Using Nexto Video Storage with Professional Video Cameras 10
8. Using Nexto Video Storage with Camcorders and Other Devices 12
9. Using the Nexto Video Storage as a Hard Drive 15
10. Data Backup and Verification 18
11. Advanced Functions 21
12. Charging and Installing Batteries 26
13. Installing and Formatting a Hard Drive 27
14. Battery Disposal 31
15. Technical Specifications 32

1. Product Description

The Nexto Video Storage product allows videographers to save footage from camcorders to a hard drive, without using a computer. The camcorder can then be used to record new data. NextoDI has optimized the performance of the Nexto Video Storage so that data transfers from camcorders to Nexto Video Storage more quickly than to other storage devices.

The Nexto Video Storage device uses a 2.5" Serial ATA (SATA) hard drive. Data stored on the Nexto Video Storage can later be copied to a computer – any computer that recognizes USB or eSATA drives, including PCs and Macintoshes. Nexto Video Storage can also be used as a computer backup device. The main task of the product is to copy data from camcorders or other devices onto the hard drive without using a computer.

A Compact Flash slot, a 4in1 memory slot for SD/SDHC/MMC/MS/xD and a USB mini-AB type connector are available. A USB flash drive or a card reader can be connected to mini USB port with the USB host adapter cable.

When copying data from camcorders, memory cards, or USB devices to the Nexto Video Storage, transfers are faster than with comparable products, because of NextoDI's proprietary xCopy technology.

Power is supplied via a built-in LiPo rechargeable battery or via an AC power adapter unit which is also responsible for charging the batteries.

Functions are controlled via a built-in LCD display with easy one-key operation. The features include:

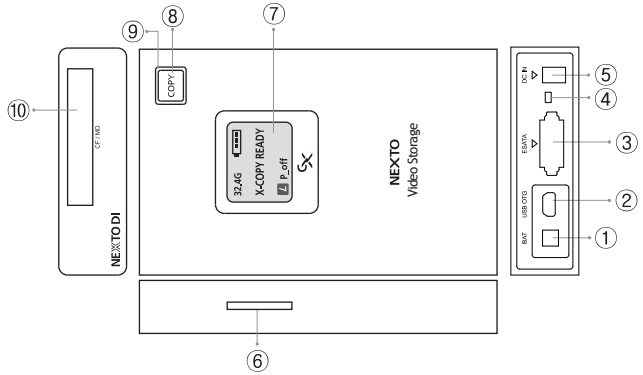
- Built-in LiPo rechargeable battery for extended running time and easy charging.
- Ability to copy data (via Compact Flash slot, 4in1 slot or USB type mini-AB connector) to the hard drive, without using a computer.
- Quick data transfer from memory cards to the hard drive.
- Hardware based full bit-bit data verification for error free data copy.
- Two ways to connect to a computer - via USB2.0 and high speed eSATA.

Read these operating instructions carefully. They contain important information on installation, operation and handling of the Nexto Video Storage.

2. Contents of the Nexto Video Storage Package

① Hard drive enclosure with built-in LiPo rechargeable battery
② AC power adapter(wall plug charger)
③ USB cable for computer connection
④ eSATA cable for computer connection
⑤ USB host adapter cable for USB device connection.
(such as a USB card reader or camcorder)
⑥ Protective case
⑦ Mini screwdriver and screw set
⑧ User manual
⑨ LiIon rechargeable external battery
⑩ Car Charger Cable

3. Device Diagram



① **"BAT" connection** for external rechargeable battery pack.

② **"USB OTG" port** for USB2.0 device connection to a computer or for USB2.0 host connection to USB devices such as a card reader or camcorder.

③ **"eSATA" port** to connect to a computer. "eSATA" devices do not provide power, so use the AC power adapter or a USB power connection when using eSATA.

④ **Recessed Reset key**, to be pressed with a tooth pick, or similar tool; switches off the Nexto Video Storage device in the event of a hardware or software malfunction.

⑤ **"DC IN" connection** for AC power adapter unit (wall plug).

⑥ **4in1 slot** to download data from SD/SDHC/MMC/MS/xD devices.

⑦ **LCD Display.**

⑧ **Control (Copy) key.** Controls power on/off and most other commands.

⑨ **LED.**
- Green indicates "power on."
- Red indicates battery is charging.
- Blinking red indicates that a data transfer is occurring.

⑩ **CompactFlash slot .**

4. Safety Instructions

Symbol Explanation

The flash icon in a triangle is used to alert you to potential personal injury hazards such as electric shock.

An exclamation mark in a triangle indicates important instructions in this operating manual which absolutely have to be observed.

The "hand" icon gives you special tips and notes on the operation.

These safety instructions and warnings are essential to protect your personal safety, and to protect the device. Please read the following section carefully.

In case of any damage due to failure to observe these operating instructions, the warranty is void.

NextoDI does not assume liability for consequential damages. Nor do we assume liability for damage to property or personal injury, caused by improper use or the failure to observe the safety instructions. The warranty is void in any such case.

Unauthorized conversion and/or modification of the product is forbidden for safety reasons.

- Never open the product (except to install a hard drive.) This device is not user serviceable.
- Damaging the LiPo rechargeable may result in explosion or fire.
- Maintenance or repairs may only be carried out by a qualified technician.
- The AC power adapter unit is intended for use in dry conditions to avoid electric shock.
- The Nexto Video Storage must not get damp or wet. Protect the device from humidity or water, from sun, excessive heat (>35°C) or cold (<0 °C), dust and dirt.
- When the product is brought from a cold to a warm room condensation may form. This could damage the product. Always let the product get to room temperature before use or before connecting the AC power adapter unit.
- Do not use in tropical climate conditions.
- The AC power adapter unit complies with safety class II. As a voltage source only a proper power socket of the public power supply system may be used. Note the input voltage/frequency imprinted on the AC Adapter. It must correspond to the voltage/frequency of the power outlet. The AC power adapter is equipped with an input voltage range of 100-240V~, 50/60Hz. Adapters may be necessary for use in countries other than the US.
- The product is not a toy. Keep out of reach of children.
- Do not place liquid near the product. Liquid could get inside the housing and cause fire or electric shock. In case of fire, damage, or short circuit, turn off circuit breaker and only then pull the AC power adapter unit from the socket. Afterwards, the product must no longer be used; take it to a repair shop.
- Never touch the AC power adapter unit when your hands are damp or wet.
- In industrial facilities, safety regulations for electrical equipment and facilities must be observed. If the product is used at schools, training facilities, or do-it-yourself /hobby shops it should not be handled unless supervised by trained, responsible personnel.
- Do not drop the Nexto Video Storage.

5. The Nexto Video Storage Interface

Turning the Nexto Video Storage On/Off

Press the control key for more than 2 seconds in order to turn the Nexto Video Storage on or off. The device turns itself off automatically after approx. 30 seconds of inactivity.

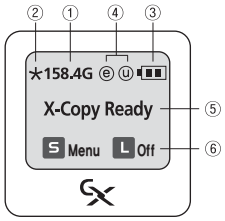
The Nexto Video Storage can be reset via the recessed RESET key. This is useful if a hardware or software malfunction causes it to "hang". Use a tooth pick or other tool to press the RESET key (see the device diagram).

The Control (Copy) Key

The Nexto Video Storage is operated by a single Control (Copy) key, which can be used in four different ways. The display shows you the "S", "D" or "L" symbol as a cue to how to invoke the desired function.

Symbols	Abbreviation	Operation
S	Short	Press once and release immediately.
L	Long	Press and hold the key for more than one second.
D	Double-click	Double click - press twice. Similar to a mouse double click.
On/Off	On/Off	Press and hold the key for more than two seconds.

The LCD Display



① Remaining capacity of the hard drive.
② The '*' indicates that the remaining capacity of hard drive may not be correct. Nexto Video Storage recalculates the capacity when it automatically powers off.
③ Remaining capacity of the rechargeable battery.
④ Indicates external power source in use.
ⓤUSB power. ⓔAC adapter power.
⑤ Current status.
⑥ Available control command.

The display varies depending on the function in use. See the chapters in this manual for more information.

6. The Built-in File Browser

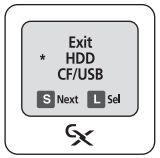
A simple file browser has been built in to search for, delete and copy files and directories on the hard drive. The Nexto Video Storage supports bi-directional copy. That is, you may copy files from the Nexto Video Storage's hard drive to computers or other storage devices (such as USB drives). You may also copy files from memory cards or other devices to the Nexto Video Storage's hard drive. You can select a file or folder for copy or delete.

All the browser functions are invoked by using the Control (Copy) key. The display shows you the "S", "D" or "L" symbol as a cue to how to invoke the desired function.

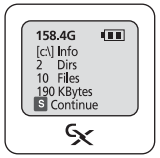
Viewing, Deleting or Copying Data on the Hard drive

- Turn the Nexto Video Storage on. The Nexto Video Storage must not be connected to a computer.
- Press and release the control key quickly(S=short) to get to the menu ("S -Menu").

- Select the menu item "Browse"; confirm the selection (press the key for more than 1 second).

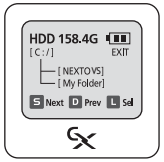


- You can select a device to browse. To browse the internal hard drive, select the menu item "HDD" and confirm the selection (press the key for more than 1 second).



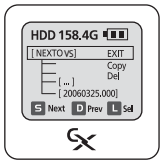
- A display indicates the number of available directories and files.
- In this case, two folders and 10 files are contained in this directory. Also the total size of those 10 files is 190KB.
- Press the control key briefly to select "Continue".

The file and folder name is shown at the LCD display.



- You can control the file browser via these keystrokes.

  [S]: Next - Press and release the Control (Copy) key to move to the next line.
  [D]: Previous - A double click jumps to the previous line.
  [L]: Select - Press and hold, and the current selection (one file, one directory) is confirmed.
- Move to [NEXTOVS] folder and select by pressing and holding for one second.

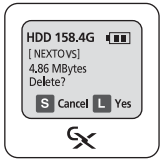


- In a directory, the following menu functions exist at the top in the selection.

  Exit - Back to the main menu.
  Copy - Copy selected file or folder to the memory card or USB device connected via "USB OTG" connector.
  Del - Delete selected file or directory.
  [...] - Jump one directory level upward.

The Nexto Video Storage supports English only. Other language based file and directory names appear as "???".

Deleting Files & Folders

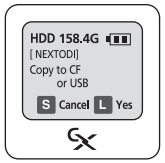


- You can delete an entire directory, and all its sub-directories and individual files. OR, one single file can be selected for deletion; simply move the cursor as described above.
  To confirm the deletion, press and hold the control key (longer than 1 second). A menu with the commands "EXIT", "Copy" and "Del" is displayed.
- The Nexto Video Storage will ask you to confirm or cancel the deletion. Press ans hold to delete the selected items.
  Press and release to cancel.

Deleted folders and files cannot be recovered.

Copying Files & Folders

Directories or individual files can be copied via the file browser. You can decide, via the file browser, which directory or which file should be copied from memory slot (or "USB OTG" connection) onto the internal hard drive. Or, you can copy data from the internal hard drive onto a memory card or a USB flash drive.

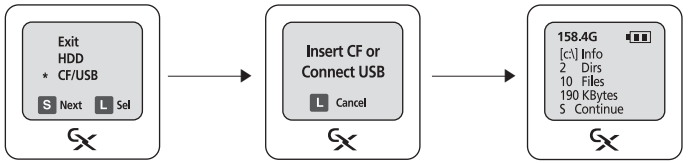


- If you select copy, the Nexto Video Storage asks you to confirm the copy function by pressing and holding the control key (L). To cancel, press and release the control key (S).
- The Nexto Video Storage asks you to connect a CF card or a corresponding USB device (e.g. USB flash drive, card reader with an inserted memory card or similar).
- Insert memory card or connect USB device. Once the device is detected, you can browse the contents and select the destination folder to copy.

Copying directories or individual files via a file browser is different from the backup function described elsewhere in this manual. With the backup function, the entire content of the data medium (e.g. Memory card or USB flash drive) is transferred onto the internal hard drive of the Nexto Video Storage.

Viewing, Deleting or Copying Data from a CF card or USB Device

These operations are almost the same as in the examples above. However, you must select "CF/USB" at the "Browse" menu. Then insert the memory card or USB device as indicated. From this point, the prompts and responses are the same as in the examples above.



7. Using Nexto Video Storage with Professional Video Cameras

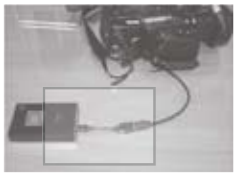
Some professional video cameras store video footage on high speed PCI Express/PCMCIA flash memory cards. The Nexto Video Storage can copy the footage from those cameras via a USB connection. For cameras which store the video footage in other flash memory cards, the Nexto Video Storage will copy footage via its built-in memory card slots. See the next chapter for instructions on inserting memory cards into the Nexto Video Storage.

The Nexto Video Storage's backup capability is;

Model	Memory	Backup Time
SONY PMW-EX1	8GB	10m 24sec
	16GB	20m 50sec
Panasonic HVX200	8GB	5m 40sec
	16GB	11m 30sec

How to Connect Nexto Video Storage via USB Cables to Professional Video Cameras

1. Connect the USB host connector cable to the “USB OTG” port on the bottom of the Nexto Video Storage unit.
2. Connect the standard USB cable to the USB connector cable and the camcorder.



3. Make sure your camcorder is charged, or connect it to AC power (a wall outlet).
4. Turn on your camcorder.
5. Turn on the Nexto Video Storage unit.
6. Set your camcorder to connect to a computer and copy files as in the following example. Please refer to the camcorder’s user manual if you are not sure of the correct setting.

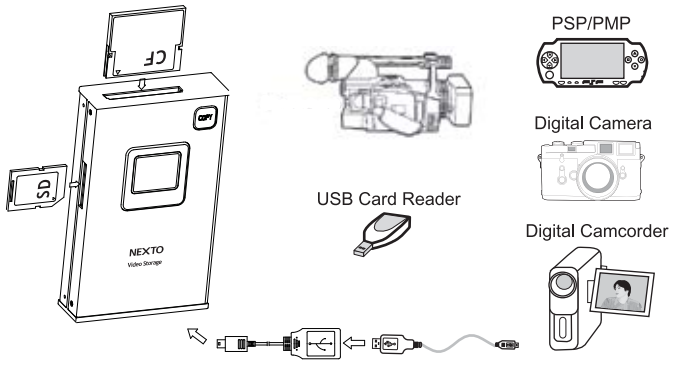
Example

1. Power on your camcorder.
2. Select the USB Interface.
3. Choose the USB device to be connected.

4. You may see a message from the LCD display of the camcorder that the USB connection has been made.
5. The Nexto Video Storage display says “USB connected” -> “Parsing USB...” -> “Copy Data? (S)Yes (L)No”.
6. To copy data, press and release the Control (Copy) key.

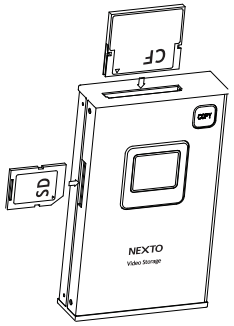
Only one memory card should be connected to the camcorder. If two memory cards are conencted, only the memory card in the primary slot is copied.

8. Using Nexto Video Storage with Camcorders and Other Devices



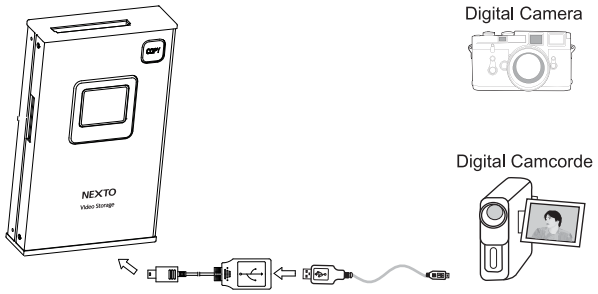
The Nexto Video Storage must not be connected to a computer during the data transfer. As shown in the figure, insert a memory card in the corresponding memory slot or connect a USB device via USB host adapter cable. The Nexto Video Storage can copy memory cards on to the internal hard drive via built in memory slot or via "USB OTG" connector with USB host adapter.

Copying Data from Flash Memory Cards to the Nexto Video Storage



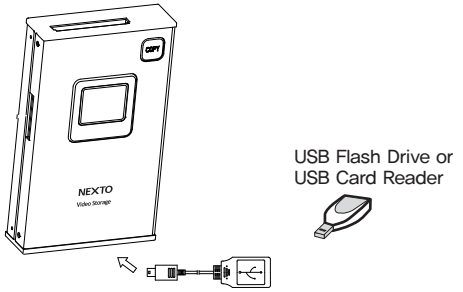
1. The Nexto Video Storage must not be connected to a computer.
2. Insert a memory card in the Nexto Video Storage’s corresponding memory slot.
3. Turn on the Nexto Video Storage.
4. The display says “XX detected” -> “Parsing XX” -> “Copy Data? (S)Yes (L)No” (XX represents the type of memory card detected, such as CF, SD, MS or xD).
5. To copy the data, press and release the Control (Copy) key.
6. The display tells you “Copy Complete.”

Copying Data from Camcorder or Camera to the Nexto Video Storage using USB cable



1. Connect the USB host connector cable to the “USB OTG” port on the bottom of the Nexto Video Storage unit.
2. Connect the standard USB cable to the USB host connector cable and the camcorder/ camera.
3. Make sure your camcorder/camera is charged, or connect it to AC power (a wall outlet).
4. Turn on your camcorder/camera.
5. Turn on the Nexto Video Storage unit.
6. Set your camcorder/camera to connect to a computer and copy files. Some camcorder/ camera is set to this mode automatically after the previous steps are done.
   Please refer to the camcorder or camera’s user manual if you are not sure of the correct setting.
7. The display says “USB connected” -> “Parsing USB” -> “Copy Data? (S)Yes (L)No”
8. To copy the data, press and release the Control (copy) key.

Copying Data from a USB Flash Drive or Card Reader



1. Connect the USB host connector cable to the “USB OTG” port on the bottom of the Nexto Video Storage unit.
2. Connect your USB flash drive or USB card reader to the USB host connector cable.
3. Turn on the Nexto Video Storage unit.
4. The display says “USB connected” -> “Parsing USB” -> “Copy Data? (S)Yes (L)No”
5. To copy the data, press and release the Control (copy) key.

After download, any copy procedure can be verified. The data on the memory card and the data on the hard drive are compared with one another. This tells you whether the data has been copied properly. Refer to the ‘Data Backup and Verification’ chapter for more information.

Do not connect more than one memory card or USB device to the Nexto Video Storage. Only the first one connected will be detected.

9. Using the Nexto Video Storage as a Hard Drive

The Nexto Video Storage can be attached to your computer as an external hard drive. Two connection methods are supported.

1. Connect to the computer's USB2.0 port via the Nexto Video Storage "USB OTG" port and the USB cable.
2. Connect to the computer's eSATA port via the Nexto Video Storage "eSATA" port and the eSATA cable

The CF slot and the 4in1 memory card slot don't work when connected to a computer. Therefore, the Nexto Video Storage cannot be used to connect CF cards, or other flash memory cards, to your computer.

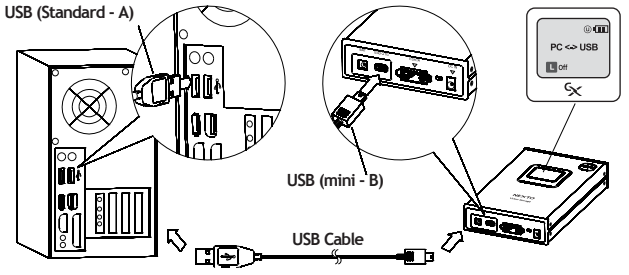
Device drivers for the Nexto Video Storage are included in the Microsoft Windows Vista, ME, XP and 2000 operating systems. Drivers for Windows 98 systems can be downloaded from the NextoDI website. To download drivers, go to

http://www.nextodi.com/en/support/en_qna.php

When you have successfully connected the Nexto Video Storage to your computer, the content of the Nexto Video Storage's hard drive appears in Windows File Explorer.

Connect via USB

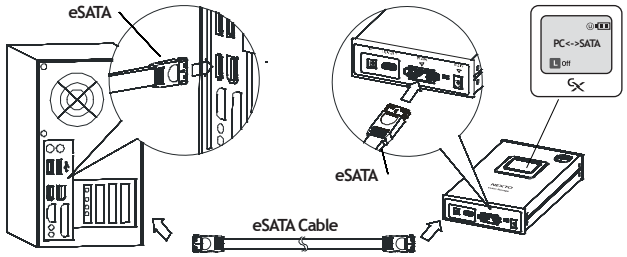
1. Switch your computer on. Wait until the operating system is completely booted.
2. Switch the Nexto Video Storage on.
3. Connect the Nexto Video Storage "USB OTG" port via the USB cable with a free USB2.0 port on your computer. A USB1.1 port can be used also.
4. Check the "PC <->USB" at the LCD display of Nexto Video Storage.
5. If the computer detects the Nexto Video Storage, a new drive named [NEXTODI] appears in the 'My Computer' display (Windows users) or on your Desktop (MAC users.)



Connect via eSATA

1. Switch your computer on and wait until the operating system is completely booted.
2. Switch the Nexto Video Storage on.
3. Connect the Nexto Video Storage "eSATA" port via the eSATA cable with a free eSATA port of your computer. The eSATA cable does not provide power. If the Nexto Video Storage will be used for a long time, use the AC power adapter unit or USB cable to provide power.
4. Check the Nexto Video Storage LCD display. If the connection has been made, you will see "PC <->eSATA".
5. If the computer detects the Nexto Video Storage, a new drive named [NEXTODI] appears in the 'My Computer' display (Windows users) or on your Desktop (MAC users.)

See the diagram below.



If the computer detects Nexto Video Storage correctly, a new drive named [NEXTODI] will appear in 'My Computer' (Windows users) or on your Desktop (MAC users).

- Back up data is stored in "NEXTOVS" folder. This folder is created automatically.
- Nexto Video Storage generates new folder for each memory card copy.
- The name of folder is determined by the shooting date. For example, 20081112.000 means the most recent file in the camcorder was created on November 12 2008. (If you copy multiple items taken on a single day, the last three digits will be changed to indicate the download sequence – 000, 001,002, 003, etc.)

Disconnecting Nexto Video Storage from your computer.

When you finished transferring files between your computer and the Nexto Video Storage, follow these steps to disconnect.

For Windows

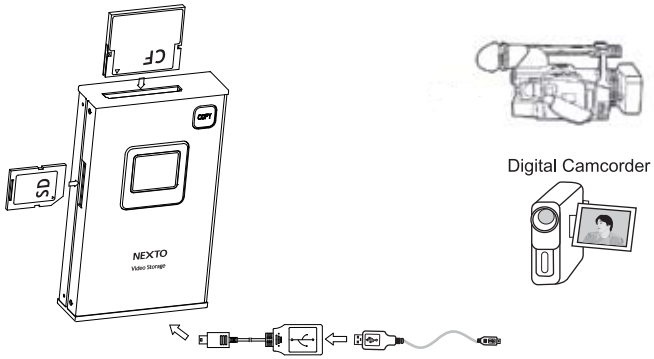
Right click the Storage device icon in the System Tray (lower right corner of your screen) and select **Safely Remove Hardware** or **Unplug** or **Eject Hardware**. Then remove the USB cable from the Nexto Video Storage and your computer.

For MAC

Drag and drop the NEXTODI icon to the trash. Then remove the USB cable from Nexto Video Storage and your computer.

- The CF slot and the 4in1 memory card slot don't work when connected to a computer.
- The Nexto Video Storage cannot be used to connect CF cards, or other video cards, to your computer.

10. Data Backup and Verification



This chapter explains the 'Copy', 'Move' and 'Verify' functions.

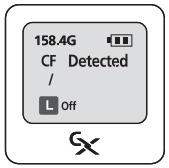
As shown on the figure, insert a memory card in the corresponding Nexto Video Storage slot, or connect a USB device via USB host adapter cable. The Nexto Video Storage must not be connected to a computer during this operation.

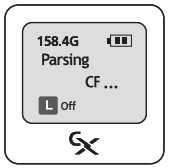
After the backup, the copy procedure can be verified. The data on the memory card and the data on the hard drive are compared with one another. This ensures that the data has been copied properly ("Verify").

Do not connect more than one memory card or USB device to the Nexto Video Storage. Only the first one connected will be detected.

Comparing Data on Memory Card to the Hard Drive Data

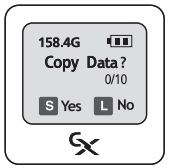
The data on the memory card is compared with the data stored on hard drive.





New Copy	If the contents of the memory card are completely new, then Nexto Video Storage makes a new folder on hard drive, and copies memory card data to hard drive.
Verify	If the memory card was copied to Nexto Video Storage before and has not been changed, then Nexto Video Storage compares (verifies) the data.

New Copy

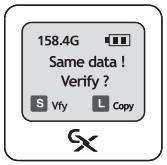


When you choose new copy, Nexto Video Storage makes a new folder on the hard drive and copies all the file and folders in the memory card on to the internal hard drive.

Copy : Copy the content of memory card onto the hard drive.
The content of memory card is not deleted.

S : Copy, press the key briefly
L : Cancel, press the key for more than 1 second.

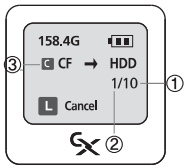
Verify



Compares the data stored on hard drive and memory.
The HW verification logic compares full bit-by-bit verification, and detects any single bit difference.

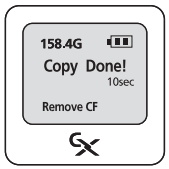
S : Verify, press the key briefly
L : Copy, press the key for more than 1 second.

Current operation status is shown at the LCD display.



① Total number of files in the memory card
② Number of files copied
③ Current mode of operation
'C' : Coping
'V' : Verifying

If the operation completes successfully, the Nexto Video Storage beeps, and the copying time is displayed.



- Remove the memory card to return to initial display.
- If you don't remove the memory card, after 30 seconds, then the Nexto Video Storage automatically turns itself off.

11. Advanced Functions

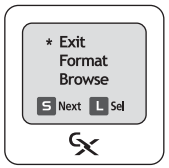
The Nexto Video Storage has seven advanced function menus, accessible from the Main Menu

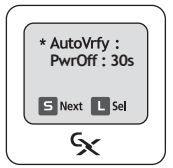
Menu	Function
Main Menu	Allow user to choose one of the seven functions below.
Format	Format internal hard drive. See chapter 13 for more details.
Browse	Built in simple file browser for searching, deleting and copying files and directories of the hard drive. See chapter 6 for more details.
Sync	Synchronize the data stored in Nexto Video Storage and external USB hard drive connected at "USB OTG" connector via USB host cable. Used for backing up data.
Self Test	Built-in test utility for testing physical errors on internal hard drive or memory card.
Buzzer	On/Off setting for buzzer sound. Factory setting is On.
AutoVrfy	On/Off setting for auto verification option. Factory setting is Off. If this option is set, full verification is done after each memory card copy.
PwrOff time	Change the power off time. Factory setting is 30 seconds.

Main Menu

- Press the control key briefly to get to the main menu page.

There are three menu pages. You can move to any function by pressing and releasing the control key. Press and hold (press more than 1 second) to select the function. See chapter 13 and 6 for "Format" and "Browse" function



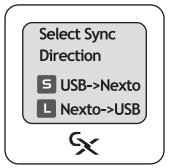


Sync function

- The "Sync" synchronizes data between [NEXTOVS] folder of the Nexto Video Storage and [NEXTO] folder of external USB hard drive connected to the "USB OTG" connector via USB host adapter.
- This function compares the folders stored in the [NEXTOVS] folder of the Nexto Video Storage and the [NEXTO] folder of USB hard drive. New folders will be copied to the other device, i.e. if a folder is in [NEXTOVS] but not in [NEXTO], then that folder will be copied to [NEXTO]. If a folder is in [NEXTO] but not in [NEXTOVS] then that folder will be copied to [NEXTOVS]. The copy direction is selected during the function set

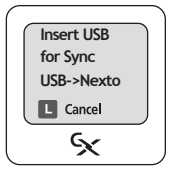
Be sure to connect the power adapter of external USB hard drive. The Nexto Video Storage may not be able to provide the amount of power needed by external USB hard drive.

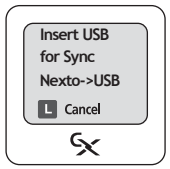
If you select "Sync", the Nexto Video Storage will ask you the direction of copy.



[S] : Press and release control key - to copy new folders from [NEXTO] folder of external USB hard drive to [NEXTOVS] folder of Nexto Video Storage

[L] : Press and hold (more than 1 second) control key to copy new folders from [NEXTOVS] folder of Nexto Video Storage to [NEXTO] folder of external USB hard drive.

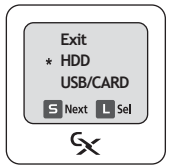




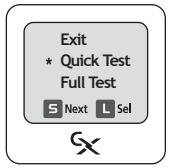
Now connect external USB hard drive to the "USB OTG" connector via USB host cable.

The "SYNC" operation starts automatically.

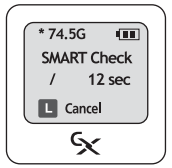
Self test function



- If you select "Self test", then Nexto Video Storage asks you to select the device for testing.
- You can select internal hard drive or memory card connected in built-in slots or USB device connected via the "USB OTG" connector.

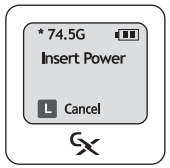


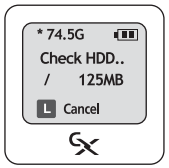
- The Nexto Video Storage offers two test methods for hard drive.



- The "Quick test" takes about 1~2 minute for testing hard drive. This function uses S.M.A.R.T function provided by hard drive.
- The time is displayed during the test.

The "Full test" tests all the area of hard drive.
It takes about 1 minute per 2GB. If the hard drive is 320GB, it takes more than 2 hours.
So you must use AC power adapter and a wall outlet.

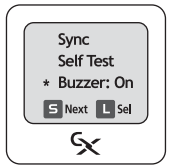


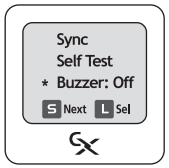


Testing "CF/USB" is also done by this "Full test".

The 'Self test" does not fix errors or modify data on the storage device. If your storage media contains errors, use a different card or drive, or consult an IT professional.

Buzzer On/Off

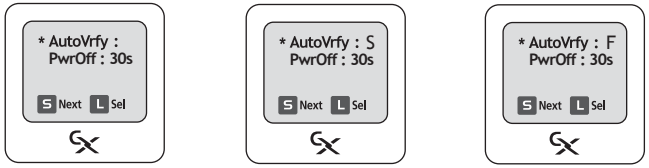




Press and hold the control key to change the status of this option.

Auto Verify On/Off

If this option is "On" state, full verification will be automatically executed after the backup from memory card or USB device. Choosing this option doubles the copy/backup time.

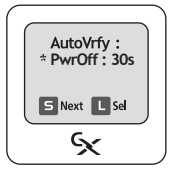


Press and hold the control key to change the status of this option.
There are three options.

1. Non for don't verify during backup.
2. 'S' for sample verification after backup.
3. 'F' for full verification after backup.

Change Power Off Time

The Nexto Video Storage automaticaly powers off if it's not used for certain amount of time. The factory setting is 30sec. You can select either 15/30/60 seconds from this menu.



12. Charging and Installing Batteries

A "LiPo" rechargeable battery is included in the Nexto Video Storage (lithium-polymer). This rechargeable battery does not have the so-called "memory effect", i.e., the rechargeable battery can be charged whenever you want. Furthermore, it is more powerful than conventional NiCad and NiMH rechargeable batteries. Note these important instructions when handling the LiPo rechargeable battery

- Never damage the rechargeable battery. Damaging the wrapping of the rechargeable battery might cause explosion or fire. If battery fails, see the chapter on "Disposal".
- Never short circuit the contacts of the rechargeable battery. Never touch connections or electric components inside the Nexto Video Storage with metal objects.
- Charge the rechargeable battery regularly, even if you do not use the product. The Nexto Video Storage needs "current" (a small quantity) at all times. Due to the rechargeable battery technology, it is not necessary to discharge the battery before recharging. Recharge the battery completely, about once a month. The device will be ready for use at all times.

The battery can be charged using the AC power adapter unit delivered with this product.

1. Connect the charger's wall plug to the Nexto Video Storage's "DC IN" connection.
2. Plug the AC power adapter unit into a wall socket.
3. The LED on the Control (Copy) key shows red during the charging.
4. When the battery is charged, the red LED turns off.
5. If there is an error when charging, the LED blinks. If this happens unplug the AC adapter unit and plug in it again.
6. If the optional external battery is connected to the "BAT" connector, both internal and external battery charged at the same time.
7. With a completely empty rechargeable battery, the charging procedure lasts approximately 5 hours.

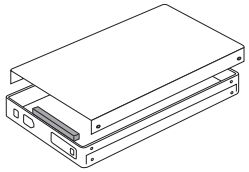
- Charging via USB (without the AC power adapter unit) is possible. A high power USB connection is needed, i.e. a USB connection with its own power supply (such as the USB port of a computer or a USB hub with power unit). Charging via USB takes place only when the Nexto Video Storage is turned off.
- If the Nexto Video Storage is operated with a notebook, then you must always use the AC power adapter unit to charge the Nexto Video Storage, as notebooks cannot deliver the necessary current via USB.

13. Installing and Formatting a Hard Drive

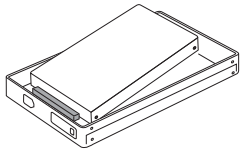
The Nexto Video Storage is sometimes delivered with a hard drive installed. If a drive is not included, or if the drive fails, or if you wish to install another hard drive, you may do so. You need a 2.5" Serial ATA hard drive; its installation height must not exceed 9.5mm. Supported hard drive capacity is up to 2,000GB.

Nexto Video Storage does not support PATA or IDE hard drives.

Disconnect all cables from the case.

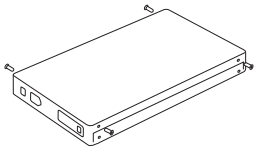


- Remove the cover on the lower side.



- Insert a 2.5" SATA hard drive.

  The protective film must be placed between circuit board and hard drive.
- Make sure that the pins of the hard drive are inserted exactly in the socket board inside the case.



- Put the cover on again. Make sure to observe the correct orientation; the larger foam insert on the inside of the cover faces in the direction of the power socket/USB port.
- Fasten the cover via the four small screws; a suitable screwdriver is included.

The hard drive must then be formatted.

Formatting the Hard Drive

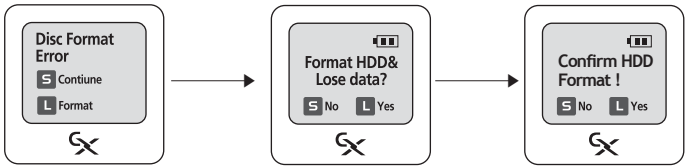
The hard drive in the Nexto Video Storage must be formatted as file system "FAT32". Only one (or the first) partition can be used. With Windows XP, hard drives and partitions are formatted (with a size of more than 32GB) only with the file system "NTFS"; no “FAT32” format option is available. For Mac OS, hard drives are formatted with the file system HFS+ (Mac OS Extended).

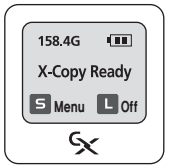
If you are installing a 60Gbyte hard drive and creating and formatting a partition via the operating system "Windows XP”, the file system "NTFS" will be installed. Via USB2.0, the hard drive in the Nexto Video Storage can be used like a conventional external hard drive. If the Nexto Video Storage is disconnected from the computer and you want to copy the data from a memory card onto the hard drive, then this is not possible. The Nexto Video Storage can work with one partition in the file format "FAT32" only. Therefore, Nexto Video Storage offers its own possibility of formatting the hard drive in the file system "FAT32".

To Format a New Hard Drive

The Nexto Video Storage must not be connected to the computer via USB or eSATA. Remove any memory cards or USB devices from the Nexto Video Storage.

- When the Nexto Video Storage is turned on after installing a new hard drive, an error message appears ("Disk Format Error"), indicating that the drive is not formatted (new hard drives are usually delivered non-partitioned and non-formatted).
- Press the control key for more than one second ("L format"); Nexto Video Storage will format the new hard drive; the available space on the hard drive is formatted as one partition in the FAT32 Format.



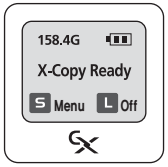


- After partitioning and the formatting. Nexto Video Storage indicates how much space is available at the top left corner of the display.

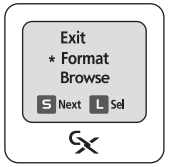
- The readout "X-Copy Not Available" means that no data can be copied to the hard drive, but data can be copied to the computer through USB or eSATA.

Using a Hard Drive which is Already Formatted

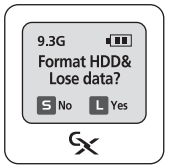
If you have a spare 2.5" hard drive you may use it in the Nexto Video Storage. If the partition (or the first partition, if several are created) is a FAT32-partition, then it can be used directly. The existing data will not be overwritten or deleted. Further partitions (e.g. the second or third partition existing on the hard drive) cannot be used; they are available to your computer when the Nexto Video Storage is connected to the computer via USB or eSATA. Also, you can use the old hard drive by, partitioning/reformatting it. However all data on the hard drive will be lost. Connect the Nexto Video Storage via USB to the computer and back up the drive first if necessary.



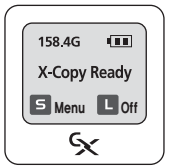
- To re-partition/format the hard drive, press the control key once to get to the menu ("S-Menu").



- By pressing the control key several times ("S - Next") you select the menu item "Format" .The small star "*" indicates the selected menu item.
- Confirm the selection by pressing and holding the control key for longer than 1 second.



- Afterwards, you can repartition and reformat the hard drive; to confirm press the control key for longer than 1 second (to cancel, briefly press the control key).
- **All data on the hard drive will be lost!**



- The Nexto Video Storage is ready to copy data from/to hard drive.

All existing partitions will be deleted. One single new partition of the whole existing memory of the hard drive will be created in the file system "FAT32".

Be sure to backup data on the hard disk before using it in the Nexto Video Storage.

14. Battery Disposal

Batteries/rechargeable batteries containing harmful substances are marked with the following symbols: Cd=cadmium, Hg=mercury, Pb=lead. You can return your batteries/rechargeable batteries free of charge to any authorized disposal station in your area, in our stores or in any other store where batteries/rechargeable batteries are sold. Do not dispose of used batteries in household trash.

The LiPo rechargeable battery integrated in the Nexto Video Storage must be removed from the housing before disposal. Proceed with care using the screwdriver supplied with the unit, or a similar small screwdriver. Remove both covers of the housing (unscrew 4 small screws). Remove the small 2-pole plug (behind the hard drive connection) from the socket. The LiPo rechargeable battery is located on the other side underneath the display. Remove it with caution (it is fastened with a double-sided adhesive tape). Do not lift it with a sharp tool! Dispose of rechargeable battery and housing separately.

FCC Rules and Regulations – Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help. Modifications not expressly approved by the manufacturer could void the user's authority to operated the equipment under FCC rules.

15. Technical Specifications

Product Name	Nexto Video Storage	
Model Name	ND2725	
Memory Card Support	Built-in CF Slot	CompactFlash type 1 & type 2 / MicroDrive
	Built-in 4in1 Slot	SD / SDHC / MMC / MMCPlus / MemoryStick / MS Pro-HG / MS Pro MagicGate xD type S & type M & type H * with SD or MS adapter(not included) - miniSD / TransFlash / MMC mobile / RSMMC - MS Duo / MS Duo MagicGate / MS Pro Duo / MS Pro Duo MagicGate
	Built-in USB Hosting	Specialy adjusted for professional video cameras
Transfer Rate	Memory card to ND2725 : Max. 66MByte/sec, Avg. 25MByte/sec ND2725 to computer : eSATA avg. 60MByte/sec, USB avg. 25MByte/se	
Hard Drive Interface	2.5' SATA Hard drive Capacity up to 2,000GB	
Battery	Internal : 3.7V 1550mAH rechargeable Li-Poly battery. 60GB backup on a single charge External : 3.7V 2200mAH rechargeable Li-Ion battery. 80GB backup on a single charge * Rechargeable via USB or external power adapter. Takes 5hr for full charge	
External Power	Adapter : 100-240V AC to 5V/2A DC USB : Runs on USB power from a computer Car charger cable	
Computer Interface	eSATA : 3.0Gbit/sec, USB2.0 : 480Mbit/sec	
File System	Hard drive : FAT32, Memory Card : FAT12/16/32	
OS Compatibility	Windows VISTA/XP/2000/ME/98SE, MAC OS 9.2 & later, Linux2.4.18 and later	
Dimensions	128mm(L) * 77mm(W) * 23mm(H) (5.03" * 3.03" * 0.91")	
Weight	130g (4.59oz) without a hard drive, 230g (8.11oz) with a hard drive	
Accessories	USB cable / AC power adapter / Protective case/ Screw driver / 4 screws / Manual / USB host adapter cable / Rechargeable exetrnal battery / Car charger cable	